

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-194079

(43)Date of publication of application : 10.07.2002

(51)Int.Cl.

C08G 69/28

(21)Application number : 2000-390293

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(22)Date of filing : 22.12.2000

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## (54) PRODUCTION METHOD FOR POLYAMIDE

## (57)Abstract:

PROBLEM TO BE SOLVED: To provide a production method for obtaining, effectively and stably in quantities, a polyamide having a high-molecular weight required, by automatically and speedy controlling a polycondensation reaction.

SOLUTION: The polyamide is produced from raw monomers composed of xylylenediamine or bisaminomethylcyclohexane, and dicarboxylic acid. In polymerization, (A) a molar ratios of the raw monomers in contents of reaction, and (B) a water concentration, a carboxy-group concentration at terminal, an amino-group concentration at terminal, a molecular weight, a relative viscosity or melting viscosity, are measured, and changing of the condition of pressure and temperature and decision of the end point of polymerization reaction, are carried out while controlling the mol ratios of contents of reaction from the measured values above.

## LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]

[Date of extinction of right]

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